

OIPF

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/684,361

DATE: 10/19/2000
 TIME: 11:25:48

ENTERED

Input Set : A:\465c2.app
 Output Set: N:\CRF3\10192000\I684361.raw

3 <110> APPLICANT: Gaiger, Alexander
 4 Cheever, Martin A
 8 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR WT1
 9 SPECIFIC IMMUNOTHERAPY
 11 <130> FILE REFERENCE: 210121.465C2
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/684,361
 14 <141> CURRENT FILING DATE: 2000-10-06
 16 <160> NUMBER OF SEQ ID NOS: 326
 18 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 17
 22 <212> TYPE: PRT
 23 <213> ORGANISM: Homo sapien
 25 <400> SEQUENCE: 1
 26 Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Pro Ser Leu Gly Gly Gly
 27 1 5 10 15
 28 Gly
 31 <210> SEQ ID NO: 2
 32 <211> LENGTH: 23
 33 <212> TYPE: PRT
 34 <213> ORGANISM: Homo sapien
 36 <400> SEQUENCE: 2
 37 Pro Ser Gln Ala Ser Ser Gly Gln Ala Arg Met Phe Pro Asn Ala Pro
 38 1 5 10 15
 39 Tyr Leu Pro Ser Cys Leu Glu
 40 20
 42 <210> SEQ ID NO: 3
 43 <211> LENGTH: 23
 44 <212> TYPE: PRT
 45 <213> ORGANISM: Mus musculus
 47 <400> SEQUENCE: 3
 48 Pro Ser Gln Ala Ser Ser Gly Gln Ala Arg Met Phe Pro Asn Ala Pro
 49 1 5 10 15
 50 Tyr Leu Pro Ser Cys Leu Glu
 51 20
 53 <210> SEQ ID NO: 4
 56 <211> LENGTH: 19
 57 <212> TYPE: PRT
 58 <213> ORGANISM: Homo sapien
 60 <400> SEQUENCE: 4
 61 Gly Ala Thr Leu Lys Gly Val Ala Ala Gly Ser Ser Ser Ser Val Lys
 62 1 5 10 15
 63 Trp Thr Glu
 66 <210> SEQ ID NO: 5
 67 <211> LENGTH: 22
 68 <212> TYPE: DNA
 69 <213> ORGANISM: Homo sapien

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/684,361

DATE: 10/19/2000
 TIME: 11:25:48

Input Set : A:\465c2.app
 Output Set: N:\CRF3\10192000\I684361.raw

71 <400> SEQUENCE: 5	
72 gagagtcaga cttgaaagca gt	22
74 <210> SEQ ID NO: 6	
75 <211> LENGTH: 20	
76 <212> TYPE: DNA	
77 <213> ORGANISM: Homo sapien	
79 <400> SEQUENCE: 6	
80 ctgagcctca gcaaattgggc	20
82 <210> SEQ ID NO: 7	
83 <211> LENGTH: 27	
84 <212> TYPE: DNA	
85 <213> ORGANISM: Homo sapien	
87 <400> SEQUENCE: 7	
88 gagcatgcat gggctccgac gtgcggg	27
90 <210> SEQ ID NO: 8	
91 <211> LENGTH: 25	
92 <212> TYPE: DNA	
93 <213> ORGANISM: Homo sapien	
95 <400> SEQUENCE: 8	
96 ggggtaccca ctgaacggtc cccga	25
98 <210> SEQ ID NO: 9	
99 <211> LENGTH: 18	
100 <212> TYPE: DNA	
101 <213> ORGANISM: Mus musculus	
103 <400> SEQUENCE: 9	
104 tccgagccgc acctcatg	18
106 <210> SEQ ID NO: 10	
107 <211> LENGTH: 18	
108 <212> TYPE: DNA	
109 <213> ORGANISM: Mus musculus	
111 <400> SEQUENCE: 10	
112 gcctgggatg ctggactg	18
114 <210> SEQ ID NO: 11	
115 <211> LENGTH: 27	
116 <212> TYPE: DNA	
117 <213> ORGANISM: Mus musculus	
119 <400> SEQUENCE: 11	
120 gagcatgcga tgggttccga cgtgcgg	27
122 <210> SEQ ID NO: 12	
123 <211> LENGTH: 29	
124 <212> TYPE: DNA	
125 <213> ORGANISM: Mus musculus	
127 <400> SEQUENCE: 12	
128 ggggtacctc aaagcgccac gtggagt	29
130 <210> SEQ ID NO: 13	
131 <211> LENGTH: 17	
132 <212> TYPE: PRT	
133 <213> ORGANISM: Mus musculus	
135 <400> SEQUENCE: 13	

RAW SEQUENCE LISTING DATE: 10/19/2000
 PATENT APPLICATION: US/09/684,361 TIME: 11:25:48

Input Set : A:\465c2.app
 Output Set: N:\CRF3\10192000\I684361.raw

```

136 Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Ser Ser Leu Gly Gly Gly
137 1          5          10          15
138 Gly
141 <210> SEQ ID NO: 14
142 <211> LENGTH: 19
143 <212> TYPE: PRT
144 <213> ORGANISM: Mus musculus
146 <400> SEQUENCE: 14
147 Gly Ala Thr Leu Lys Gly Met Ala Ala Gly Ser Ser Ser Ser Val Lys
148 1          5          10          15
149 Trp Thr Glu
152 <210> SEQ ID NO: 15
153 <211> LENGTH: 15
154 <212> TYPE: PRT
155 <213> ORGANISM: Homo sapien
157 <400> SEQUENCE: 15
158 Arg Ile His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg
159 1          5          10          15
161 <210> SEQ ID NO: 16
162 <211> LENGTH: 15
163 <212> TYPE: PRT
164 <213> ORGANISM: Mus musculus
166 <400> SEQUENCE: 16
167 Arg Ile His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg
168 1          5          10          15
170 <210> SEQ ID NO: 17
171 <211> LENGTH: 14
172 <212> TYPE: PRT
173 <213> ORGANISM: Mus musculus
175 <400> SEQUENCE: 17
176 Val Arg Arg Val Ser Gly Val Ala Pro Thr Leu Val Arg Ser
177 1          5          10
179 <210> SEQ ID NO: 18
180 <211> LENGTH: 14
181 <212> TYPE: PRT
182 <213> ORGANISM: Homo sapien
184 <400> SEQUENCE: 18
185 Val Arg Arg Val Pro Gly Val Ala Pro Thr Leu Val Arg Ser
186 1          5          10
W--> 187 <210> SEQ ID NO: 19
188 <211> LENGTH: 15
189 <212> TYPE: PRT
190 <213> ORGANISM: Homo sapien
192 <400> SEQUENCE: 19
193 Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val Arg His His
194 1          5          10          15
196 <210> SEQ ID NO: 20
197 <211> LENGTH: 15
198 <212> TYPE: PRT

```

RAW SEQUENCE LISTING DATE: 10/19/2000
 PATENT APPLICATION: US/09/684,361 TIME: 11:25:48

Input Set : A:\465c2.app
 Output Set: N:\CRF3\10192000\I684361.raw

```

199 <213> ORGANISM: Mus musculus
201 <400> SEQUENCE: 20
202   Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val Arg His His
203     1           5           10           15
205 <210> SEQ ID NO: 21
206 <211> LENGTH: 21
207 <212> TYPE: DNA
208 <213> ORGANISM: Mus musculus
210 <400> SEQUENCE: 21
211   cccaggctgc aataagagat a                               21
213 <210> SEQ ID NO: 22
214 <211> LENGTH: 21
215 <212> TYPE: DNA
216 <213> ORGANISM: Mus musculus
218 <400> SEQUENCE: 22
219   atgttgtgat ggcggaccaa t                               21
221 <210> SEQ ID NO: 23
222 <211> LENGTH: 20
223 <212> TYPE: DNA
224 <213> ORGANISM: Homo sapien
226 <400> SEQUENCE: 23
227   gtggggcgcc ccaggcacca                               20
229 <210> SEQ ID NO: 24
230 <211> LENGTH: 24
231 <212> TYPE: DNA
232 <213> ORGANISM: Homo sapien
234 <400> SEQUENCE: 24
235   gtccttaatg ctacgcacga tttc                           24
237 <210> SEQ ID NO: 25
238 <211> LENGTH: 21
239 <212> TYPE: DNA
240 <213> ORGANISM: Homo sapien
242 <400> SEQUENCE: 25
243   ggcacatctgag accagtgaga a                               21
245 <210> SEQ ID NO: 26
246 <211> LENGTH: 21
247 <212> TYPE: DNA
248 <213> ORGANISM: Homo sapien
250 <400> SEQUENCE: 26
251   gctgtccac ttacagatgc a                               21
253 <210> SEQ ID NO: 27
254 <211> LENGTH: 21
255 <212> TYPE: DNA
256 <213> ORGANISM: Homo sapien
258 <400> SEQUENCE: 27
259   tcaaagcgcc agctggagtt t                               21
261 <210> SEQ ID NO: 28
262 <211> LENGTH: 9
263 <212> TYPE: PRT

```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/684,361

DATE: 10/19/2000
TIME: 11:25:48

Input Set : A:\465c2.app
Output Set: N:\CRF3\10192000\I684361.raw

264 <213> ORGANISM: Homo sapien
266 <400> SEQUENCE: 28
267 Ala Ala Gly Ser Ser Ser Val Lys
268 1 5
270 <210> SEQ ID NO: 29
271 <211> LENGTH: 9
272 <212> TYPE: PRT
273 <213> ORGANISM: Homo sapien
275 <400> SEQUENCE: 29
276 Ala Ala Gln Phe Pro Asn His Ser Phe
277 1 5
279 <210> SEQ ID NO: 30
280 <211> LENGTH: 9
281 <212> TYPE: PRT
282 <213> ORGANISM: Homo sapien
284 <400> SEQUENCE: 30
285 Ala Glu Pro His Glu Gln Cys Leu
286 1 5
288 <210> SEQ ID NO: 31
289 <211> LENGTH: 9
290 <212> TYPE: PRT
291 <213> ORGANISM: Homo sapien
293 <400> SEQUENCE: 31
294 Ala Gly Ala Cys Arg Tyr Gly Pro Phe
295 1 5
297 <210> SEQ ID NO: 32
298 <211> LENGTH: 9
299 <212> TYPE: PRT
300 <213> ORGANISM: Homo sapien
302 <400> SEQUENCE: 32
303 Ala Gly Ser Ser Ser Ser Val Lys Trp
304 1 5
306 <210> SEQ ID NO: 33
307 <211> LENGTH: 9
308 <212> TYPE: PRT
309 <213> ORGANISM: Homo sapien
311 <400> SEQUENCE: 33
312 Ala Ile Arg Asn Gln Gly Tyr Ser Thr
313 1 5
315 <210> SEQ ID NO: 34
316 <211> LENGTH: 9
317 <212> TYPE: PRT
318 <213> ORGANISM: Homo sapien
320 <400> SEQUENCE: 34
321 Ala Leu Leu Pro Ala Val Pro Ser Leu
322 1 5
324 <210> SEQ ID NO: 35
325 <211> LENGTH: 9
326 <212> TYPE: PRT

VERIFICATION SUMMARY

DATE: 10/19/2000

PATENT APPLICATION: US/09/684,361

TIME: 11:25:49

Input Set : A:\465c2.app

Output Set: .N:\CRF3\10192000\I684361.raw

L:13 M:270 C: Current Application Number differs, Wrong Format

L:187 M:283 W: Missing Blank Line separator, <210> field identifier